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TITLE: DATA FIDDLE DETECTION METHOD AND ELECTRONIC DEVICE

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ABSTRACT:

PROBLEM TO BE SOLVED: To detect even a falsifying operation of data such as count data.

SOLUTION: A music CD 1 can be reproduced for a predetermined number of times. When the music CD 1 is reproduced, a CPU 11 increments the number of times of reproduction, encrypts data Dc of the count value, writes it in an HDD 14, performs a hash calculation of file attribute information of the count value data Dc and encryption data Dce 1, and medium identification information of the music CD 1, obtains a hash value Dh 1, and writes it in the HDD 14. When the same music CD is reproduced, the CPU 11 reads out the encryption data Dce 2, decrypts it, performs a hash calculation of file attribute information of the decryption data Dcd and the encryption data Dce 2, and medium identification information of the music CD 1, obtains a hash value Dh 2, and compares it with the hash value Dh 1 written in the HDD. When the two do not match, the CPU 11 stops reproduction of the music CD.

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